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(71)Applicant : YAZAKI CORP

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(72)Inventor : HIYOSHI KAZUYASU

J4) FLAME-RETARDANT CROSS-LINKABLE POLYOLEFIN COMPOSITION AND FLAME-RETARDANT ELECTRIC WIRE**(57)Abstract:**

PROBLEM TO BE SOLVED: To obtain a flame-retardant cross-linkable polyolefin compsn. which is excellent in flame retardance and thermal aging properties and is useful esp. as an electrical insulating material and to obtain a flame-retardant electric wire having characteristics described above.

SOLUTION: This compsn. comprises 100 pts.wt. polyolefin, 5-30 pts.wt. chlorinated paraffin, 1-15 pts.wt. Ca-Zn stabilizer, and an antioxidant component comprising 0.1-15 pts.wt. hindered phenol antioxidant, 0.1-5 pts.wt. bis[2-methyl-4-[3-n-alkyl(12-14C)thiopropionyloxy]-5-tert-butylphenyl]sulfide, and 0.1-5 pts.wt. decamethylenedicarboxylic acid disalicyloylhydrazide. A flame-retardant electric wire is obtd. by covering a conductor with the compsn. and cross-linking it.

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